

# DENON

TURNTABLE

## DP-300F

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OPERATING INSTRUCTIONS

BEDIENUNGSANLEITUNG

MODE D'EMPLOI

ISTRUZIONI PER L'USO

INSTRUCCIONES DE FUNCIONAMIENTO

GEBRUIKSAANWIJZING

BRUKSANVISNING

**■ SAFETY PRECAUTIONS**

**CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN

**CAUTION:**

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

**WARNING:**

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

**• DECLARATION OF CONFORMITY**

We declare under our sole responsibility that this product, to which this declaration relates, is in conformity with the following standards: EN60065, EN55013, EN55020, EN61000-3-2 and EN61000-3-3. Following the provisions of 73/23/EEC, 2004/108/EC and 93/68/EEC Directive.

**• ÜBEREINSTIMMUNGSERKLÄRUNG**

Wir erklären unter unserer Verantwortung, daß dieses Produkt, auf das sich diese Erklärung bezieht, den folgenden Standards entspricht: EN60065, EN55013, EN55020, EN61000-3-2 und EN61000-3-3. Entspricht den Verordnungen der Direktive 73/23/EEC, 2004/108/EC und 93/68/EEC.

**• DECLARATION DE CONFORMITE**

Nous déclarons sous notre seule responsabilité que l'appareil, auquel se réfère cette déclaration, est conforme aux standards suivants: EN60065, EN55013, EN55020, EN61000-3-2 et EN61000-3-3. D'après les dispositions de la Directive 73/23/EEC, 2004/108/EC et 93/68/EEC.

**• DICHIARAZIONE DI CONFORMITÀ**

Dichiariamo con piena responsabilità che questo prodotto, al quale la nostra dichiarazione si riferisce, è conforme alle seguenti normative: EN60065, EN55013, EN55020, EN61000-3-2 e EN61000-3-3. In conformità con le condizioni delle direttive 73/23/EEC, 2004/108/EC e 93/68/EEC.  
QUESTO PRODOTTO E' CONFORME  
AL D.M. 28/08/95 N. 548

**• DECLARACIÓN DE CONFORMIDAD**

Declaramos bajo nuestra exclusiva responsabilidad que este producto al que hace referencia esta declaración, está conforme con los siguientes estándares:  
EN60065, EN55013, EN55020, EN61000-3-2 y EN61000-3-3.

Siguiendo las provisiones de las Directivas 73/23/EEC, 2004/108/EC y 93/68/EEC.

**• ENVORMIGHEIDSVERKLARING**

Wij verklaaren uitsluitend op onze verantwoordelijkheid dat dit produkt, waarop deze verklaring betrekking heeft, in overeenstemming is met de volgende normen:  
EN60065, EN55013, EN55020, EN61000-3-2 en EN61000-3-3.

Volgens de bepalingen van de Richtlijnen 73/23/EEC, 2004/108/EC en 93/68/EEC.

**• ÖVERENSSTÄMMELSEINTYG**

Härmed intygas helt på eget ansvar att denna produkt, vilken detta intyg avser, uppfyller följande standarder:  
EN60065, EN55013, EN55020, EN61000-3-2 och EN61000-3-3.  
Enligt stadgarna i direktiv 73/23/EEC, 2004/108/EC och 93/68/EEC.

**CAUTION:**

To completely disconnect this product from the mains, disconnect the plug from the wall socket outlet.  
When setting up this product, make sure that the AC outlet you are using is easily accessible.

**VORSICHT:**

Um dieses Gerät vollständig von der Stromversorgung abzutrennen, trennen Sie bitte den Netzstecker von der Wandsteckdose ab.  
Wenn dieses Produkt eingerichtet wird, stellen Sie sicher, dass die verwendete Netzsteckdose leicht zugänglich ist.

**PRECAUTION:**

Pour déconnecter complètement ce produit du courant secteur, débranchez la prise de la prise murale.  
Lorsque vous effectuez le réglage de ce produit, assurez-vous que la prise CA que vous utilisez est facilement accessible.

**ATTENZIONE:**

Per scollegare definitivamente questo prodotto dalla rete di alimentazione elettrica, togliere la spina dalla relativa presa.  
Quando si installa questo prodotto, assicurarsi che l'uscita CA utilizzata sia facilmente accessibile.

**PRECAUCIÓN:**

Para desconectar completamente este producto de la alimentación eléctrica, desconecte el enchufe del enchufe de la pared.  
Al realizar la puesta a punto de este producto, asegúrese de que la toma de corriente de CA que esté utilizando sea fácilmente accesible.

**VOORZICHTIGHEID:**

Om de voeding van dit product volledig te onderbreken moet de stekker uit het stopcontact worden getrokken.  
Bij de opstelling van dit product moet u erop letten dat de netuitgang die u gebruikt gemakkelijk bereikbaar is.

**FÖRSIKTIGHETSMÅTT:**

Koppla loss stickpropren från eluttaget för att helt skilja produkten från nätet.  
Vid installationen av produkten ska du se till att eluttaget den ansluts till är lätt tillgänglig.

## NOTE ON USE / HINWEISE ZUM GEBRAUCH / OBSERVATIONS RELATIVES A L'UTILISATION / NOTE SULL'USO / NOTAS SOBRE EL USO / ALVORENS TE GEBRUIKEN / OBSERVERA

 <ul style="list-style-type: none"> <li>Handle the power cord carefully. Hold the plug when unplugging the cord.</li> <li>Gehen Sie vorsichtig mit dem Netzkabel um. Halten Sie das Kabel am Stecker, wenn Sie den Stecker herausziehen.</li> <li>Manipuler le cordon d'alimentation avec précaution. Tenir la prise lors du débranchement du cordon.</li> <li>Manneggiare il filo di alimentazione con cura. Agite per la spina quando scollegate il cavo dalla presa.</li> <li>Manejar el cordón de energía con cuidado. Sostenga el enchufe cuando desconecte el cordón de energía.</li> <li>Hanteer het netsnoer voorzichtig. Houd het snoer bij de stekker vast wanneer deze moet worden aan- of losgekoppeld.</li> <li>Handter nätkablen varsamt. Håll i kabeln när den kopplas från el-uttaget.</li> </ul>	 <p>* (For apparatuses with ventilation holes)</p> <ul style="list-style-type: none"> <li>Do not obstruct the ventilation holes. Die Belüftungsöffnungen dürfen nicht verdeckt werden.</li> <li>Ne pas obstruer les trous d'aération.</li> <li>Non coprite i fori di ventilazione.</li> <li>No obstruya los orificios de ventilación.</li> <li>De ventilatieopeningen mogen niet worden beblokkeerd.</li> <li>Tapp inte till ventilationsöppningarna.</li> </ul>	 <ul style="list-style-type: none"> <li>Never disassemble or modify the apparatus in any way. Versuchen Sie niemals das Gerät auseinander zu nehmen oder auf jegliche Art zu verändern.</li> <li>Ne jamais démonter ou modifier l'appareil d'une manière ou d'une autre.</li> <li>Non smontate mai, né modificate l'unità in nessun modo.</li> <li>Nunca desarme o modifique el equipo de ninguna manera.</li> <li>Nooit dit apparaat demonteren of op andere wijze modifieren.</li> <li>Ta inte isär apparaten och försök inte bygga om den.</li> </ul>	
			<p style="text-align: center;">II</p>

**A NOTE ABOUT RECYCLING:**

This product's packaging materials are recyclable and can be reused. Please dispose of any materials in accordance with the local recycling regulations.

When discarding the unit, comply with local rules or regulations.

Batteries should never be thrown away or incinerated but disposed of in accordance with the local regulations concerning chemical waste.

This product and the accessories packed together constitute the applicable product according to the WEEE directive except batteries.



**HINWEIS ZUM RECYCLING:**

Das Verpackungsmaterial dieses Produktes ist für zum Recyceln geeignet und kann wieder verwendet werden. Bitte entsorgen Sie alle Materialien entsprechend der örtlichen Recycling-Vorschriften.

Beachten Sie bei der Entsorgung des Gerätes die örtlichen Vorschriften und Bestimmungen.

Die Batterien dürfen nicht in den Hausmüll geworfen oder verbrannt werden; bitte geben Sie die Batterien gemäß örtlichen Bestimmungen an den Sammelstellen oder Sondermüllplätzen ab.

Dieses Produkt zusammen mit den Zubehörteilen ist das geltende Produkt der WEEE-Direktive, davon ausgenommen sind die Batterien.

**UNE REMARQUE CONCERNANT LE RECYCLAGE:**

Les matériaux d'emballage de ce produit sont recyclables et peuvent être réutilisés. Veuillez disposer de tout matériau conformément aux règlements de recyclage locaux.

Lorsque vous mettez cet appareil au rebut, respectez les lois ou réglementations locales.

Les piles ne doivent jamais être jetées ou incinérées, mais mises au rebut conformément aux règlements locaux concernant les déchets chimiques.

Ce produit et les accessoires emballés ensemble sont des produits conformes à la directive DEEE sauf pour les piles.

**NOTA RELATIVA AL RICICLAGGIO:**

I materiali di imballaggio di questo prodotto sono riutilizzabili e riciclabili. Smaltire i materiali conformemente alle normative locali sul riciclaggio.

Per smaltire l'unità, osservare la normativa in vigore nel luogo di utilizzo.

Non gettare le batterie, né incenerirle, ma smaltirle conformemente alla normativa locale sui rifiuti chimici.

Questo prodotto e gli accessori inclusi nell'imballaggio sono applicabili alla direttiva RAEE, ad eccezione delle batterie.

**ACERCA DEL RECICLAGE:**

Los materiales de embalaje de este producto son reciclables y se pueden volver a utilizar. Disponga de estos materiales siguiendo los reglamentos de reciclaje de su localidad.

Cuando se deshaga de la unidad, cumpla con las reglas o reglamentos locales.

Las pilas nunca deberán tirarse ni incinerarse. Deberá disponer de ellas siguiendo los reglamentos de su localidad relacionados con los desperdicios químicos.

Este producto junto con los accesorios empaquetados es el producto aplicable a la directiva RAEE excepto pilas.

**EEN ANTEKENING WAT BETREFT HET RECYCLEREN:**

Het inpakmateriaal van dit product is recycleerbaar en kan opnieuw gebruikt worden. Er wordt verzocht om zich van elk afvalmateriaal te ontdoen volgens de plaatselijke voorschriften.

Volg voor het wegdoen van de speler de voorschriften voor de verwijdering van wit- en bruingoed op.

Batterijen mogen nooit worden weggegooid of verbrand, maar moeten volgens de plaatselijke voorschriften betreffende chemisch afval worden verwijderd.

Op dit product en de meegeleverde accessoires, m.u.v. de batterijen is de richtlijn voor afgedankte elektrische en elektronische apparaten (WEEE) van toepassing.

**EN KOMMENTAR OM ÅTERVINNING:**

Produktens emballage är återvinningsbart och kan återanvändas. Kassera det enligt lokala återvinningsbestämmelser.

När du kasseras enheten ska du göra det i överensstämmelse med lokala regler och bestämmelser.

Batterier får absolut inte kastas i soporna eller bränna. Kassera dem enligt lokala bestämmelser för kemiskt avfall.

Denna apparat och de tillbehör som levereras med den är de som uppfyller gällande WEEE-direktiv, med undantag av batterierna.

# Getting Started

Thank you very much for purchasing the DENON turntable.

Please read the operating instructions thoroughly in order to acquaint yourself with the turntable system and achieve maximum satisfaction from it.

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## Before using

Pay attention to the following before using this unit:

### • Power requirements

Power requirements for electrical equipment differ from area to area. Please ensure that your machine meets the power requirements in your area.

If it doubt, consult a qualified electrician.

### • About the power switch

This turntable is not equipped with a primary power switch. The power switch is incorporated in the tone arm of the turntable. The power to the turntable is cut when the tone arm returns to the tone arm rest. Note however, that the power is not completely turned off in this case. If you wish to completely turn the power off, disconnect the power supply cord from the household AC outlet.

### • Protect the turntable too

- Never touch the plug with wet hands.
- Always pull out by the plug and never the cable.
- Only let a qualified professional repair or reassemble the turntable. An unauthorized person might touch the internal parts and receive a serious electric shock.
- Never allow a child to put anything, especially metal, into the turntable.

### • What you should know to protect yourself

- Use only a household AC power source. Never use a DC power source.
- If water is spilled on the turntable, disconnect it and call your dealer.
- Make sure that the turntable is well ventilated and away from direct sunlight.
- To avoid damage to the internal circuits and the external surface, keep it away from heat (stoves, etc.).
- Avoid using spray type insecticide near the turntable it can damage the finish and might ignite suddenly.
- To avoid damaging the finish, never use paint thinner or other similar chemicals to clean the turntable.
- Place the turntable on a flat and solid surface.
- If you don't plan to use the turntable for a long period of time, disconnect the power supply cord.
- To protect the insulators, always lift the turntable when you move it. And before moving the turntable, disconnect all the connecting cables.
- When transporting the turntable over a long distance, place it in its original box wrapped in protective wrappers.

### • Moving the unit

To prevent short-circuits or damaged wires in the connection cables, always unplug the power supply cord and disconnect the connection cables between all other audio components when moving the unit.

### • Before turning the power switch on

Check once again that all connections are correct and that there are not problems with the connection cables. Always set the power switch to the standby position before connecting and disconnecting connection cables.

### • Store these instructions in a safe place.

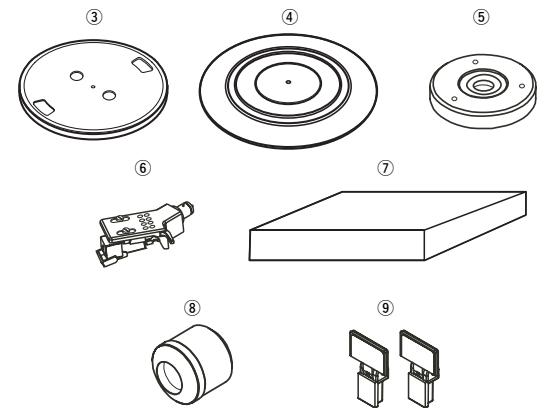
After reading, store this instructions along with the warranty card in a safe place.

### • Note that the illustrations in these instructions may differ from the actual unit for explanation purposes.

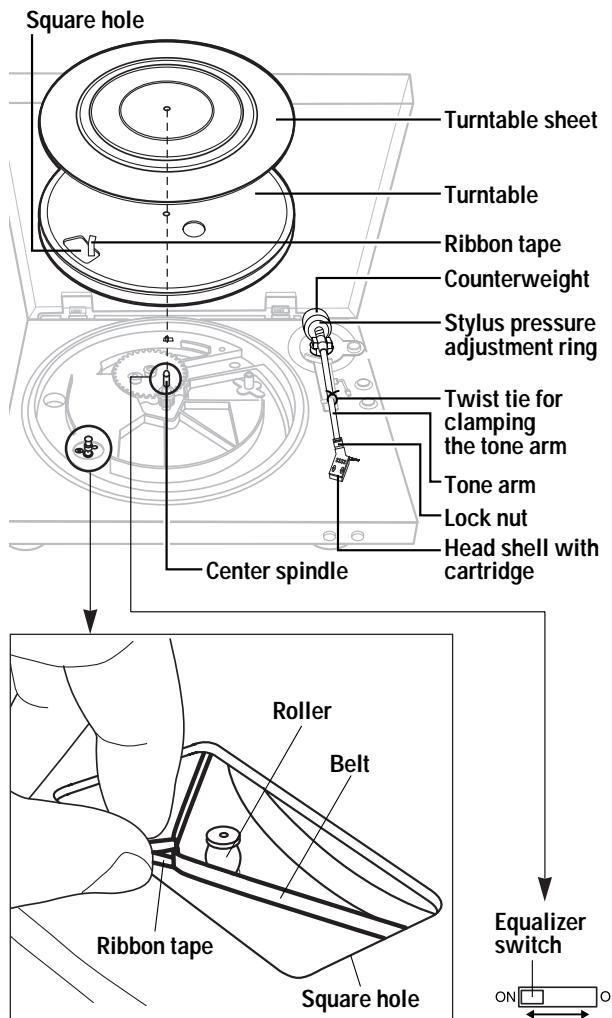
## Accessories

Check that the following parts are attached in addition to the main unit:

① Operating instructions .....	1
② Service station list .....	1
③ Turntable (with belt) .....	1
④ Turntable sheet .....	1
⑤ Adapter for 45 rpm records .....	1
⑥ Head shell with cartridge .....	1
⑦ Dust cover .....	1
⑧ Counterweight .....	1
⑨ Hinges .....	2
⑩ Spare lead wire .....	1



## Getting Started



## About the equalizer switch

This record player comes with a built-in equalizer.  
Switch as shown below according to the terminal being used.

## OFF:

When connecting to the PHONO input terminal  
(The record player's equalizer cannot be used.)

## ON:

When connecting a terminal other than the PHONO input terminal  
(The record player's equalizer can be used.)



- The equalizer switch is set to the "ON" position upon shipment from the factory. Be sure to check before mounting the turntable and turntable sheet.
- The sound may be extremely weak or distorted if the equalizer switch is not properly set.

## Assembly

## NOTE:

- Do not remove the twist tie for clamping the tone arm until assembly is completed.
- Do not connect the power supply cord until assembly is completed.

## Mounting the turntable

## 1 Mount the turntable on the center spindle.

## 2 Turn the turntable so that the roller is visible through the square hole with the ribbon tape for catching the belt.

## 3 Pinch the ribbon tape and catch the belt on the outer center of the roller.

- Remove the ribbon tape once the belt is caught.
- Turn turntable slowly 5 or 6 turns. The belt is caught at the center of the roller.

## 4 Mount the turntable sheet.

## Getting Started

## Mounting the counterweight

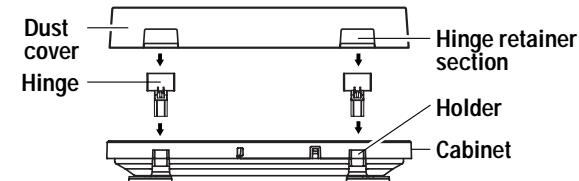
## Insert the counterweight onto the shaft at the back of the tone arm and screw it in.

- Mount with the stylus pressure adjustment ring towards the front.

## Mounting the head shell with cartridge

## Insert the head shell with cartridge onto the tone arm and fasten it in place with the lock nut (☞ page 6).

## Mounting the dust cover



## 1 Insert the 2 included hinges securely into the holders at the back of the cabinet.

## 2 Mount the hinge retainer sections of the dust cover onto the hinges.

- Insert fully in the direction of the arrow.
- When removing the dust cover, open the dust cover fully then pull out in the direction opposite the arrow.

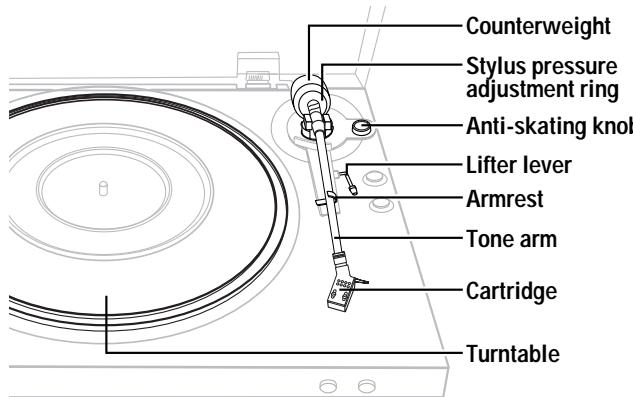


- Hold the dust cover near the hinge retainer sections when mounting and removing it.

## Once assembly is finished, remove the twist tie for clamping the tone arm.

**Getting Started****Adjustments**

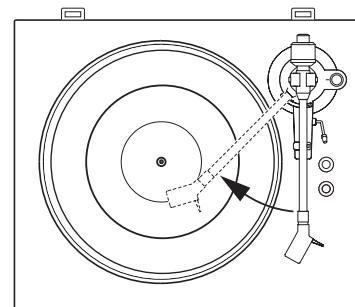
Turn the power off when making the adjustments.

**Stylus pressure and anti-skating adjustment****NOTE:**

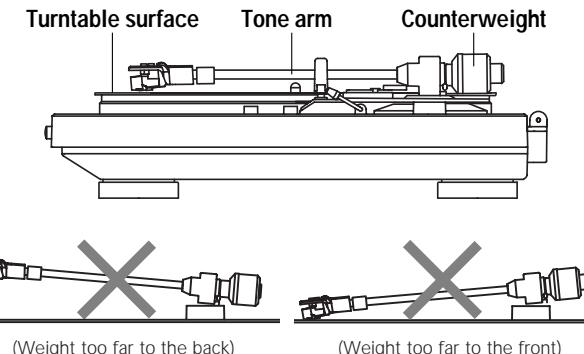
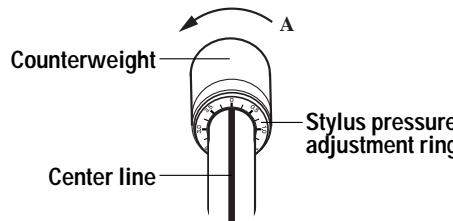
- Be very careful not to damage the stylus tip on the turntable sheet, etc.

**1 Set the anti-skating knob to "0".****2 Lower the lifter lever and move the tone arm over the turntable.**

※ For cartridges with removable stylus covers, remove the stylus cover.

**3 Balance the tone arm.**

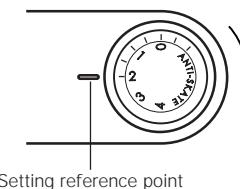
- Move the counterweight forward or backward so that the tone arm is parallel to the turntable surface when you are not touching it.

**4 Set the tone arm back on the armrest.****5 Holding the counterweight with a finger so that it does not move, turn the stylus pressure adjustment ring so that its "0" mark is lined up with the center line of the tone arm's rear shaft.****6 Turn the counterweight in the direction of arrow "A" and set to the appropriate stylus pressure for the cartridge.**

※ The appropriate stylus pressure for the included cartridge is 2.0 g (19.6 mN). Set to "2".

**7 Turn the anti-skating knob and set to the same value as for the cartridge's stylus pressure.**

- The proper anti-skating value can be achieved.

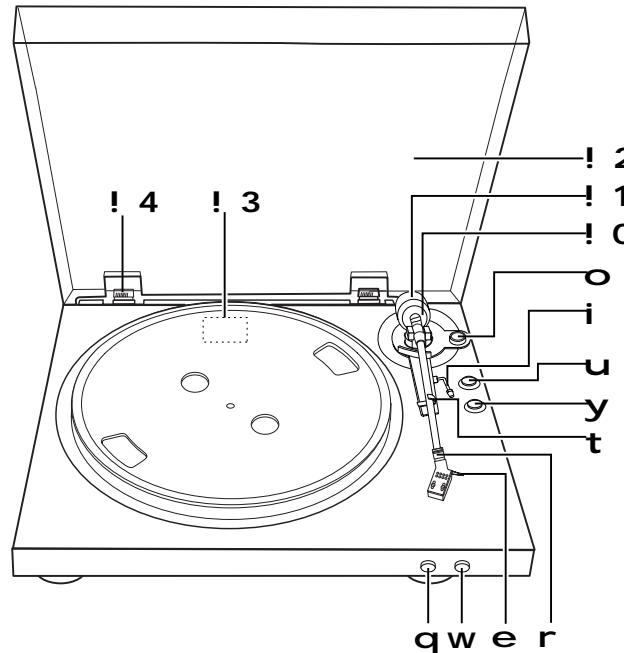


Setting reference point

## Getting Started

## Part names and functions

For details on the functions of these parts, refer to the pages given in parentheses ( ).



**q START button** .....(5)  
• Starts playback.

**w STOP button** .....(5)  
• Stops playback.

**e Finger catch**

**r Lock nut** .....(2, 7)

**t Armrest**

**y SIZE button (17 / 30)** .....(5)  
• Set according to the size of the record to be played (30 cm or 17 cm).

**u SPEED button (45 / 33)** .....(5)  
• Set according to the speed (revolutions per minute) of the record to be played.

**i Lifter lever** .....(3)

**o Anti-skating knob** .....(3)

**! Stylus pressure adjustment ring** .....(3)

**! Counterweight** .....(3)

**! Dust cover** .....(2)

**! Equalizer switch** .....(2)

**! Dust cover hinge** .....(2)

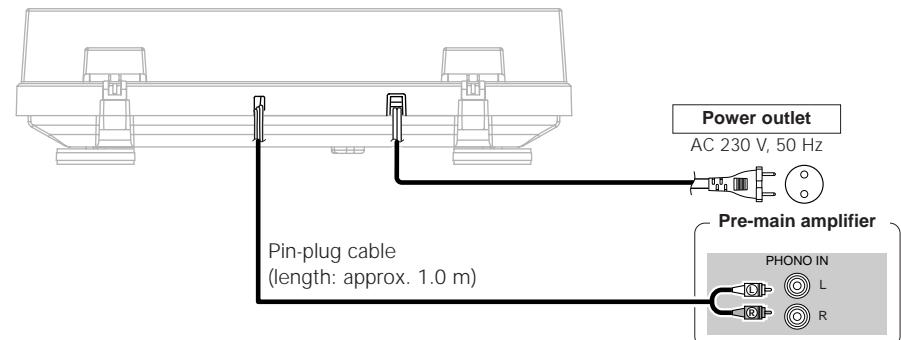
## Connections

## NOTE:

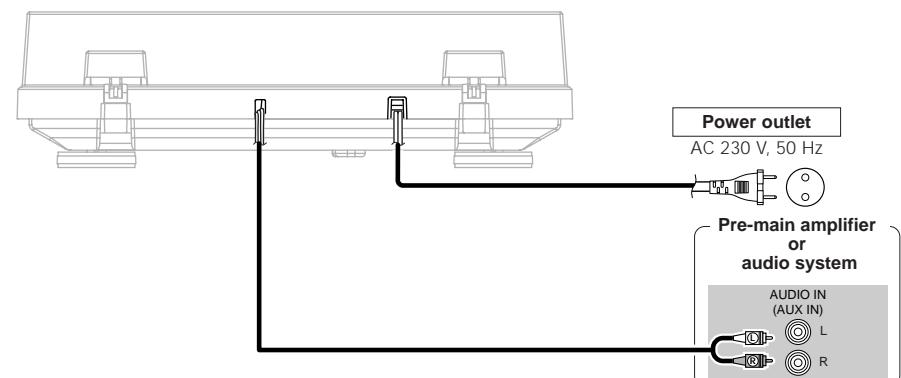
- Turn off the power of the device to which the record player is being connected. Do not plug the record player's power plug into a power outlet until all connections are finished.
- Check that all connections are proper, then plug the record player's power plug into the AC outlet on the amplifier or into a household AC power outlet.

 When connecting to the PHONO input terminal

Equalizer switch : OFF (page 2)

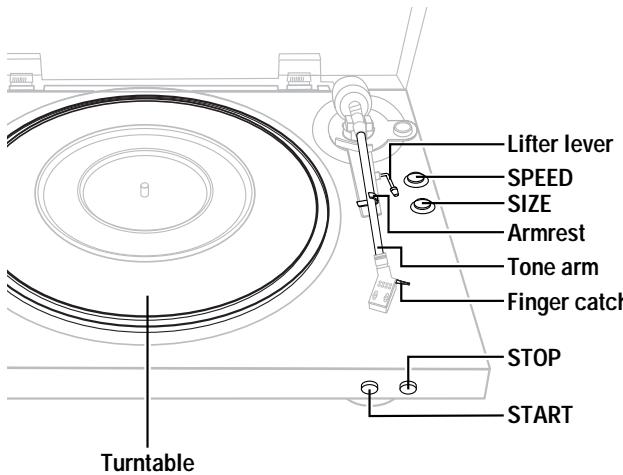
 When connecting a terminal other than the PHONO input terminal

Equalizer switch : ON (page 2)

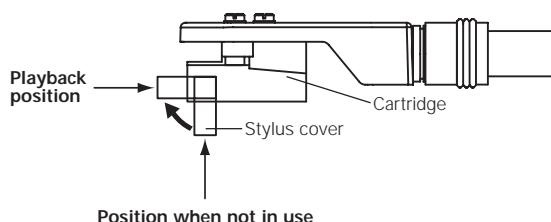


- If the player starts operating when the power supply cord is plugged in, press the **STOP** button.

# Operation



## Opening the stylus cover



### Starting playback using the auto play function

Raise the stylus cover before starting playback.

#### 1 Place the record on the turntable.

\* For EP ("doughnut") records, use the 45 rpm adapter.

#### 2 Set the record's playing speed using SPEED.

\* For 33 1/3 records ..... Set to 33  
For 45 records ..... Set to 45

#### 3 Set the record size using SIZE.

\* For 30 cm records ..... Set to 30 cm  
For 17 cm records ..... Set to 17 cm

#### 4 Press START and hold it in for about 1 second.

- The turntable starts turning and playback starts automatically.
- Once the record is played, the tone arm returns to its original position and the turntable automatically stops turning.



- Once you have finished playing records, lower the stylus cover to protect the stylus tip.
- This set has an "auto return" function by which the tone arm automatically returns to its original position once a specific point is reached after a record finishes playing. Though there is no problem with records of normal size, with records including grooves up to this point, the auto return function may be activated before playback is finished.

#### NOTE:

- Do not touch the tone arm or turntable or turn off the power while a record is playing.
- The auto play system cannot be used for 25 cm records.  
In this case operate manually. If the tone arm does not return to its original position after playback stops, press **STOP**.

### Starting playback manually

#### 1 Place the record on the turntable.

\* For EP ("doughnut") records, use the 45 rpm adapter.

#### 2 Set the record's playing speed using SPEED.

\* For 33 1/3 records ..... Set to 33  
For 45 records ..... Set to 45

#### 3 Raise the lifter lever and holding the head shell's finger catch move the tone arm to the beginning of the selection you want to play.

#### 4 Lower the lifter lever.

- The tone arm lowers the stylus tip slowly onto the record and playback starts.

#### NOTE:

- Be careful not to scratch the record.

### Stopping playback in the middle of a record

#### Press STOP.

- Playback stops and the tone arm returns to its original position.
- It is also possible to stop playback by raising the lifter lever. In this case lift it using the head shell's finger catch and move the tone arm back to the arm rest.

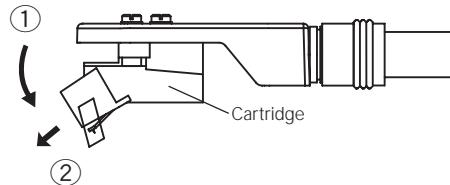
**Operation****Replacing the stylus**

The included stylus has a service life of about 400 hours. To avoid damaging valuable records, replace the stylus without delay.

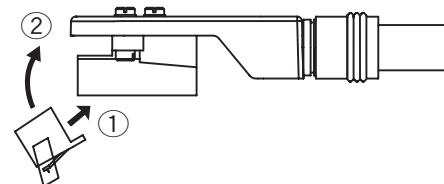
Purchase a replacement stylus at the store where you purchased the record player or your nearest repair and inquiry outlet. Specify that you want the "DSN-85" replacement stylus exclusively for the DP-300F.

**□ Removing the replaceable stylus**

Holding the cartridge steady with one hand, grasp the replaceable stylus with the other hand, push down in the direction of arrow ①, then pull the stylus off gently in the direction of arrow ②.

**□ Mounting the replaceable stylus**

Holding the cartridge steady with one hand, grasp the replaceable stylus with the other hand, point the catch on the replaceable stylus in the direction of arrow ①, insert it all the way into the long hole in the cartridge, then push up in the direction of arrow ② until a click is heard.



- Before replacing the stylus, turn off the amplifier's power and unplug the player's power supply cord.
- The stylus tip is an extremely delicate part, so handle it very carefully. Use a soft brush to gently remove any dust from the stylus tip.
- Removing the head shell makes it easy to replace the stylus.

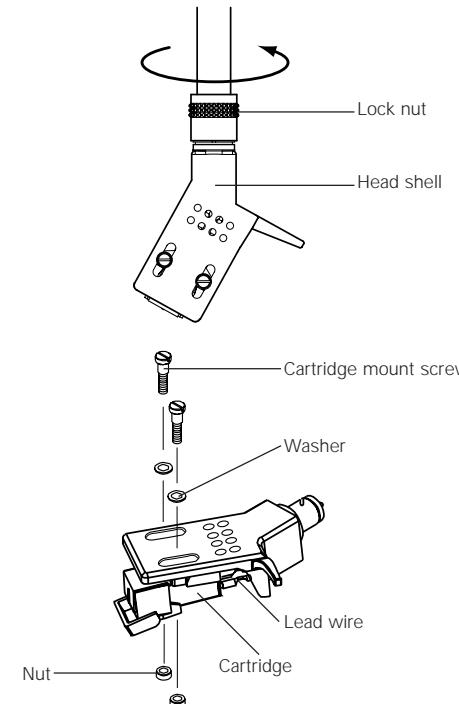
**Replacing the cartridge**

If you wish to mount a different cartridge on this player, use one weighing about 44 to 93 mN (about 4.5 to 9.5 g).

To purchase a head shell only, ask for a "PCL-310SP (Silver) / PCL-310BK (Black)" exclusively for the DP-300F at your store of purchase or nearest repair and inquiry outlet.

**□ Removing the cartridge**

1. Turn the head shell lock nut in the direction of the arrow and remove the head shell.
2. Remove the cartridge mount screws.
3. Disconnect the lead wires on the cartridge side.

**□ Mounting the cartridge**

1. Connect the lead wires. They are color-coded as shown below. Be careful to connect them properly.

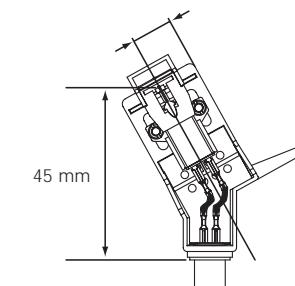
RED	Right channel (R)
WHITE	Left channel (L)
GREEN	Right channel ground (RG)
BLUE	Left channel ground (LG)

2. To achieve the required overhang, mount in such a way that the stylus tip is positioned about 45 mm from the edge of the head shell's mount surface (the rubber washer), as shown on the diagram below. (The overhang for this player should be 19 mm.)

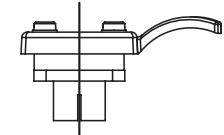


- After replacing the cartridge, do not forget to readjust the horizontal balance, stylus pressure, and anti-skating value (☞ page 3).
- The thickness of the terminal depends on the replacement cartridge, and some may not connect securely. In this case, use the included spare lead wire.

Mount parallel.

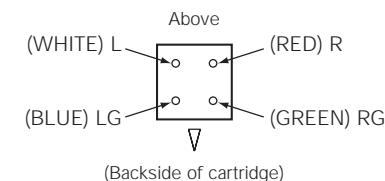


Mount perpendicular.



(Front side of head shell)

(Back side of head shell)



Above



(Backside of cartridge)

# Others

## Troubleshooting

If a problem should arise, first check the following.

1. Are the connections correct?
2. Have you operated the player according to the Operating Instructions?

If this unit is not operating properly, check the items listed in the table below. Should the problem persist, there may be a malfunction. Disconnect the power immediately and contact your store of purchase.

Symptom	Cause	Measures	Page
Power does not turn on. Turntable does not turn.	<ul style="list-style-type: none"> <li>• Power supply cord is not fully inserted.</li> <li>• Drive belt is detached from the turntable.</li> </ul>	<ul style="list-style-type: none"> <li>• Check the connection.</li> <li>• Check the drive belt and driving roller. If the drive belt is detached from the turntable, attach it using the procedure described below.</li> <li>1.Remove the turntable and turn it upside down.</li> <li>2.Catch the belt on the inside perimeter.</li> <li>3.Turn the turntable back right side up and pass the tape ribbon through the hole and between the turn tape and drive belt.</li> <li>4.Mount the turntable, referring to the assembly instructions on page 2.</li> </ul>	4 2
No sound is produced.	<ul style="list-style-type: none"> <li>• The pin-plug cable is not properly connected.</li> <li>• The amplifier's function is not set for the terminals to which the turntable is connected.</li> <li>• The replaceable stylus is not properly mounted.</li> </ul>	<ul style="list-style-type: none"> <li>• Check the connection.</li> <li>• Check the amplifier's settings.</li> <li>• Check the stylus.</li> </ul>	4 4 7
The sound is scratchy, the stylus skips or the sound is distorted.	<ul style="list-style-type: none"> <li>• The stylus or record is dirty.</li> <li>• The stylus is worn or the record is scratched.</li> </ul>	<ul style="list-style-type: none"> <li>• Remove the dirt or replace the stylus.</li> <li>• Replace the stylus.</li> <li>• Check the record.</li> </ul>	7 7 —
The sound is either extremely weak or too strong and distorted.	<ul style="list-style-type: none"> <li>• The equalizer switch is not set at the proper position.</li> </ul>	<ul style="list-style-type: none"> <li>• Set the switch according to the terminal to which the player is connected.</li> </ul>	2
Howling is produced.	<ul style="list-style-type: none"> <li>• The player is too close to the speakers.</li> <li>• The player is placed in an unstable position.</li> <li>• The playback sound is too loud.</li> </ul>	<ul style="list-style-type: none"> <li>• Move the player and speakers apart.</li> <li>• Check the player's place of installation.</li> <li>• Adjust the amplifier's volume.</li> </ul>	— — —
The tone arm does not move even when the START button is pressed.	<ul style="list-style-type: none"> <li>• The tone arm is clamped to the armrest.</li> <li>• The power supply cord is not properly connected.</li> </ul>	<ul style="list-style-type: none"> <li>• Remove the tone arm's clamp.</li> <li>• Check the connection of the power supply cord.</li> </ul>	2 4

## Specifications

<b>Power supply:</b>	AC 230 V, 50 Hz
<b>Power consumption:</b>	2 W
<b>Maximum external dimensions:</b>	With dust cover closed : 434 (W) x 122 (H) x 381 (D) mm (including protruding parts) With dust cover open : 434 (W) x 386 (H) x 413 (D) mm (including protruding parts)
<b>Mass:</b>	5.5 kg
<b>Drive type:</b>	Belt drive
<b>Motor:</b>	DC servo motor
<b>Speed:</b>	33-1/3 rpm, 45 rpm
<b>Wow &amp; flutter:</b>	0.10 % W.R.M.S
<b>S/N ratio:</b>	60 dB
<b>Tone arm:</b>	Static balance straight type tone arm
<b>Effective arm length:</b>	221.5 mm
<b>Overhang:</b>	19 mm
<b>Cartridge:</b>	MM type
<b>Output voltage:</b>	With equalizer OFF : 2.5 mV With equalizer ON : 150 mV
<b>Optimum stylus pressure:</b>	19.6 mN (2.0 g)
<b>Replaceable stylus number:</b>	DSN-85
<b>Stylus pressure adjustment range:</b>	0 ~ 39.2 mN (0 ~ 4.0 g) One step 0.98 mN (0.1 g)
<b>Suitable cartridge empty weight :</b>	44 mN ~ 93 mN (4.5 ~ 9.5 g)
<b>Head shell weight:</b>	98 mN (10.0 g) (including screws and nuts)
<b>Head shell part number:</b>	PCL-310SP (Silver) / PCL-310BK (Black)

\* For purposes of improvement, specifications and design are subject to change without notice.

**DENON**

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